

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Tarvin et al.

Attorney Docket No: 101.0166

Serial No:

Art Unit:

Filed:

Examiner:

For: **System and Method to Interpret Distributed Temperature Sensor Data and To Determine a Flow Rate in a Well**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

☒ Declaration Submitted with Initial Filing

☐ Declaration Submitted after Initial Filing

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

System and Method to Interpret Distributed Temperature Sensor Data and To Determine a Flow Rate in a Well

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Assistant Commissioner for Patents, Washington D.C. 20231 by:

- ☐ facsimile to number _____
- ☐ first class mail.
- ☐ Express Mail: Post Office to Addressee No. EV US

Date _____

Joanne Hyland _____

the specification of which

- ☒ is attached hereto.
- ☐ was filed on _____ as United States Application Number or PCT International Application Number _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
60/533188	12/30/2003
60/536059	1/13/2004

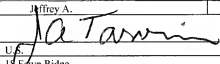
I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

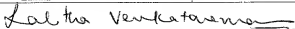
U.S. Parent Application Numbers	PCT Parent Number	Parent Filing Date	Parent Patent Number


Direct all correspondence to:

**Patent Counsel
Schlumberger Reservoir Completions
Schlumberger Technology Corporation
14910 Airline Road
Rosharon, Texas 77583**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle (if any))		Family Name or Surname					
Jeffrey A.		Tarvin					
Inventor's Signature						Date	10/1/04
Citizenship	U.S.						
Residence Address	18 Fawn Ridge						
Residence: City	Brookfield	State	CT	ZIP	06804	Country	U.S.
Post Office Address	18 Fawn Ridge						
City	Brookfield	State	CT	ZIP	06804	Country	U.S.

Name of Additional Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])		Family Name or Surname					
Lalitha		Venkataramanan					
Inventor's Signature						Date	Oct 1 st , 04
Citizenship	India						
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Residence: City	Ridgefield	State	CT	ZIP	06877	Country	U.S.
Post Office Address	120 Prospect Street, Unit #4						
City	Ridgefield	State	CT	ZIP	06877	Country	U.S.

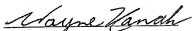
Name of Additional Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle (if any))		Family Name or Surname					
Thomas M.		White					
Inventor's Signature						Date	8-30-04
Citizenship	U.S.						
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Residence: City	Spring	State	TX	ZIP	77379	Country	U.S.
Post Office Address	10110 Cairn Meadows Drive						
City	Spring	State	TX	ZIP	77379	Country	U.S.

IN WITNESS WHEREOF, I, **George A. Brown**, the Inventor, have hereunto set my hand and seal this 11 day of October, 2004.


George A. Brown

WITNESSED:

BE IT KNOWN that **George A. Brown** is to me known to be the individual described in the foregoing assignment, that on this 11TH day of OCTOBER, 2004, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.


Witness

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Post Office Address


Witness

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